

FIG. 1

GTGGGACAGCGAGCTAATACCCAGAACTGAGTTGTGTCCTGCTAAGTCCTCTGCCAC  
GTACCCACGGGATGAAGAACCTTTTCATTTCCCCTCCTTTTCCTTTTCTTCCTTGTCCCT  
GAACTGCTGGGCTCCAGCATGCCACTGTGTCCCATCGATGAAGCCATCGACAAGAA  
GATCAAACAAGACTTCAACTCCCTGTTTCCAAATGCAATAAAGAACATTGGCTTAAA  
TTGCTGGACAGTCTCCTCCAGAGGGAAGTTGGCCTCCTGCCCAGAAGGCACAGCAG  
TCTTGAGCTGCTCCTGTGGCTCTGCCTGTGGCTCGTGGGACATTTCGTGAAGAAAAAG  
TGTGTCACTGCCAGTGTGCAAGGATAGACTGGACAGCAGCCCGCTGCTGTAAGCTGC  
AGGTCGCTTCCTGATGTCTGGGGAAGTGAGCGTGGTTTCCAGCACAGCCACCCGTTCC  
TGTAAGCTCCAGAGATGTCTGATGTCCTCCGGTCTCTACAGGCACCTGCACTCACGTG  
CGCGAATCCACACACAAGCACACATACTTAAAAATAAAACAAAACAGGCTGGAAA  
AAAAAAAA

FIG. 2

GTGTGCCGGATTTGGTTAGCTGAGCCCACCGAGAGGCGCCTGCAGGATGAAA  
GCTCTCTGTCTCCTCCTCCTCCCTGTCCTGGGGCTGTTGGTGTCTAGCAAGAC  
CCTGTGCTCCATGGAAGAAGCCATCAATGAGAGGNTCCAGGAGGTCGCCGGC  
TCCCTAATATTTAGGGCAATAAGCAGCATTGGCCTGGAGTGCCAGAGCGTCA  
CCTCCAGGGGGGACCTGGCTACTTGCCCCGAGGCTTCGCCGTCACCGGCTG  
CACTTGTGGCTCCGCCTGTGGCTCGTGGGATGTGCGCGCCGAGACCACATGTC  
ACTGCCAGTGCGCGGGCATGGACTGGACCGGAGCGCGCTGCTGTCGTGTGCA  
GCCCTGAGGTCGCGCGCAGCGCGTGCACAGCGCGGGCGGAGGCGGCTCCAG  
GTCCGGAGGGGTTGCGGGGGAGCTGGAAATAAACCTGGAGATGATGATGAT  
GATGATGATGG

FIG. 3

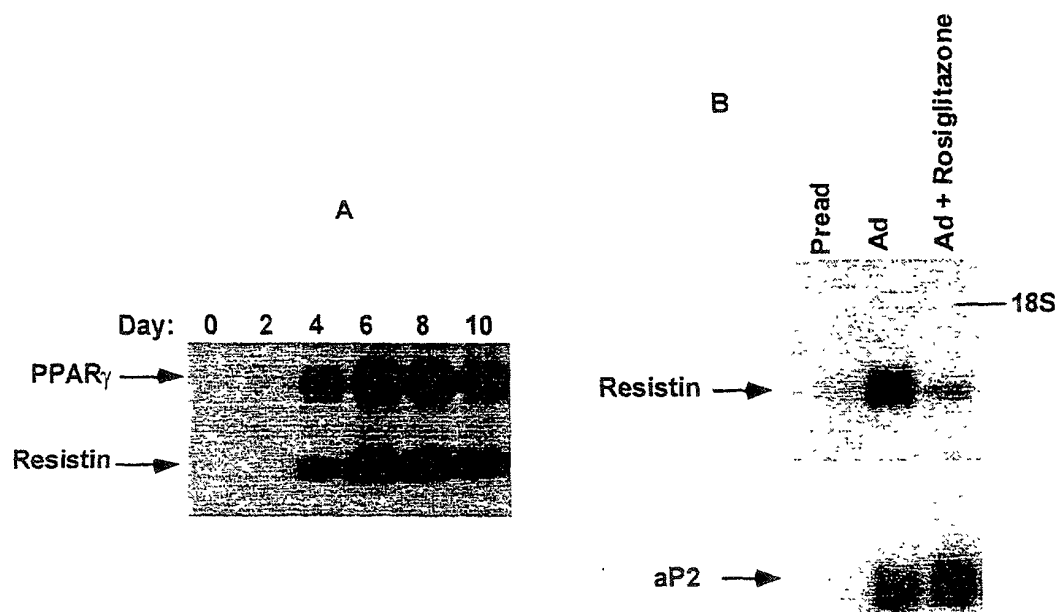


FIG. 4

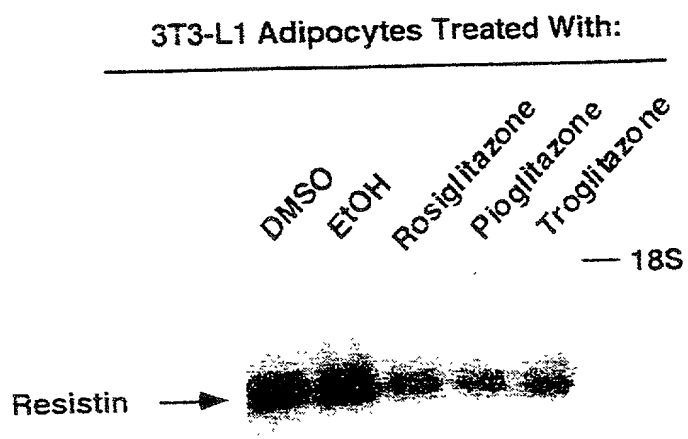


FIG. 5

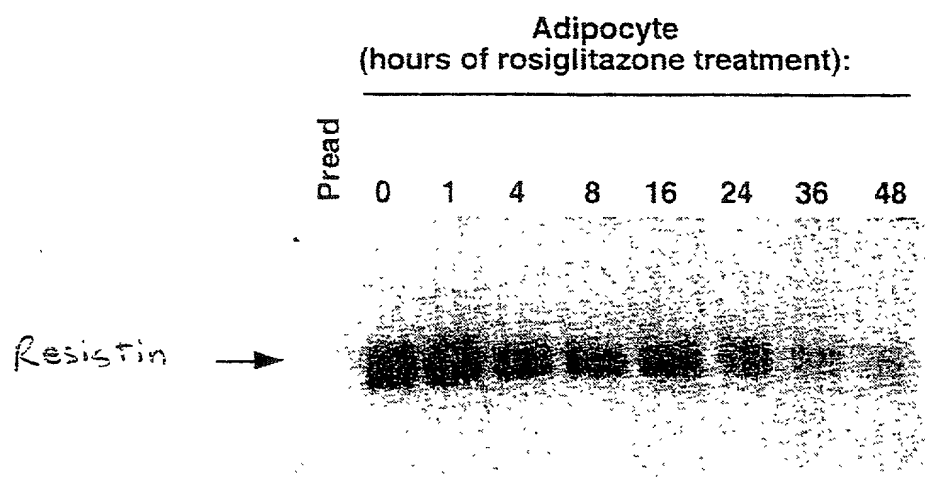
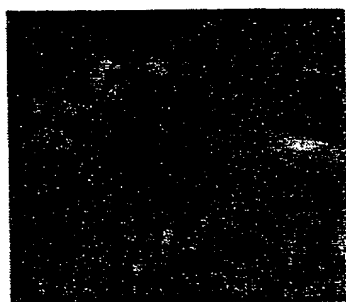


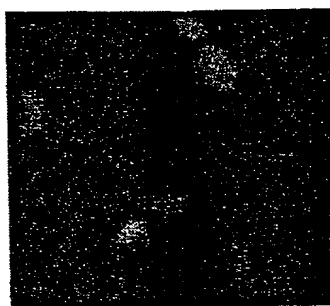
FIG. 6

A

B



GFP



Resistin-GFP

FIG. 7

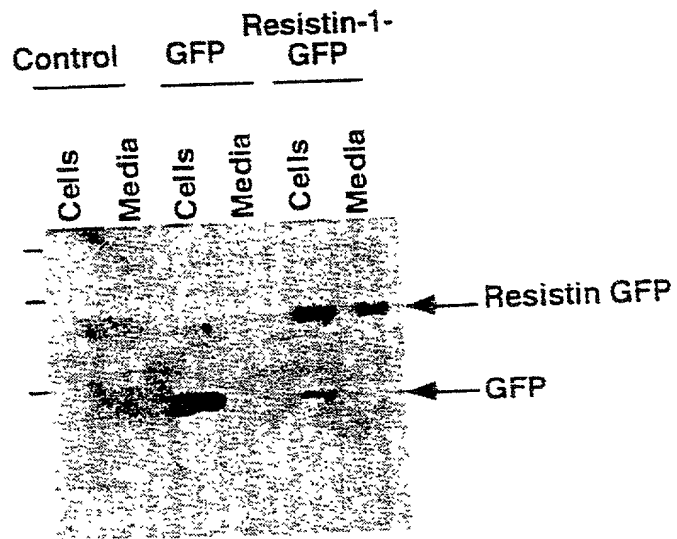


FIG. 8



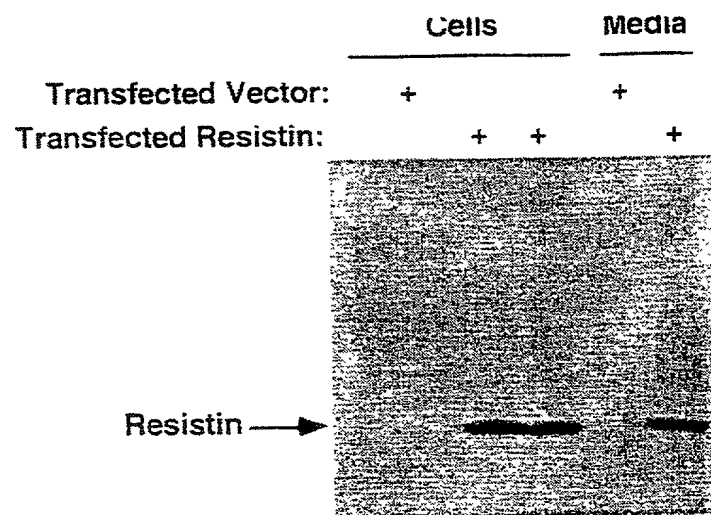


FIG. 9

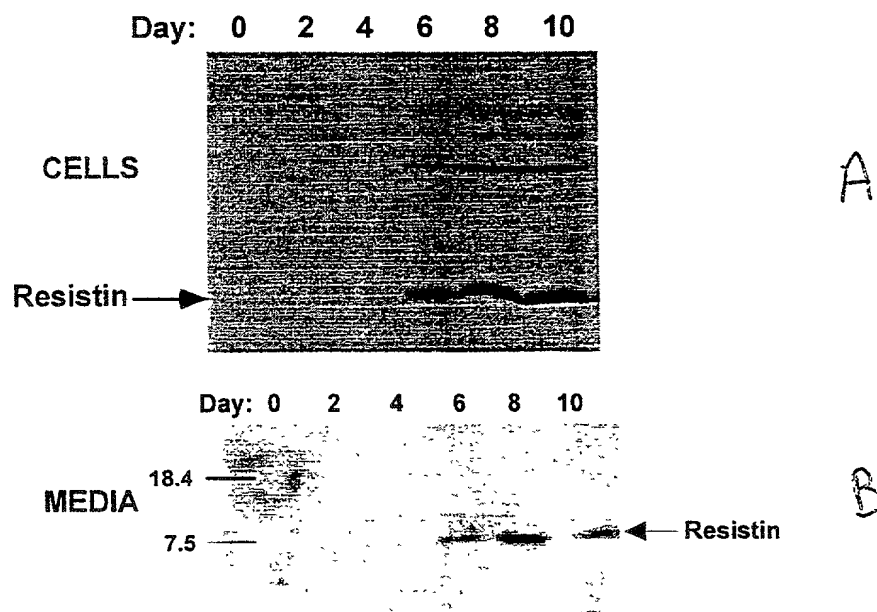


FIG. 10

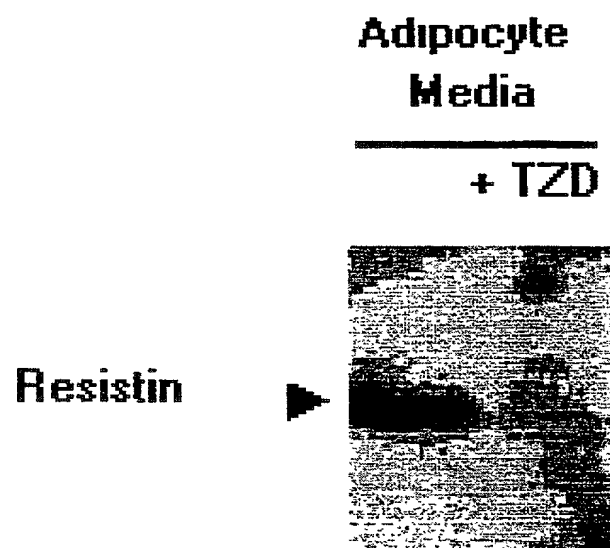


FIG. 11

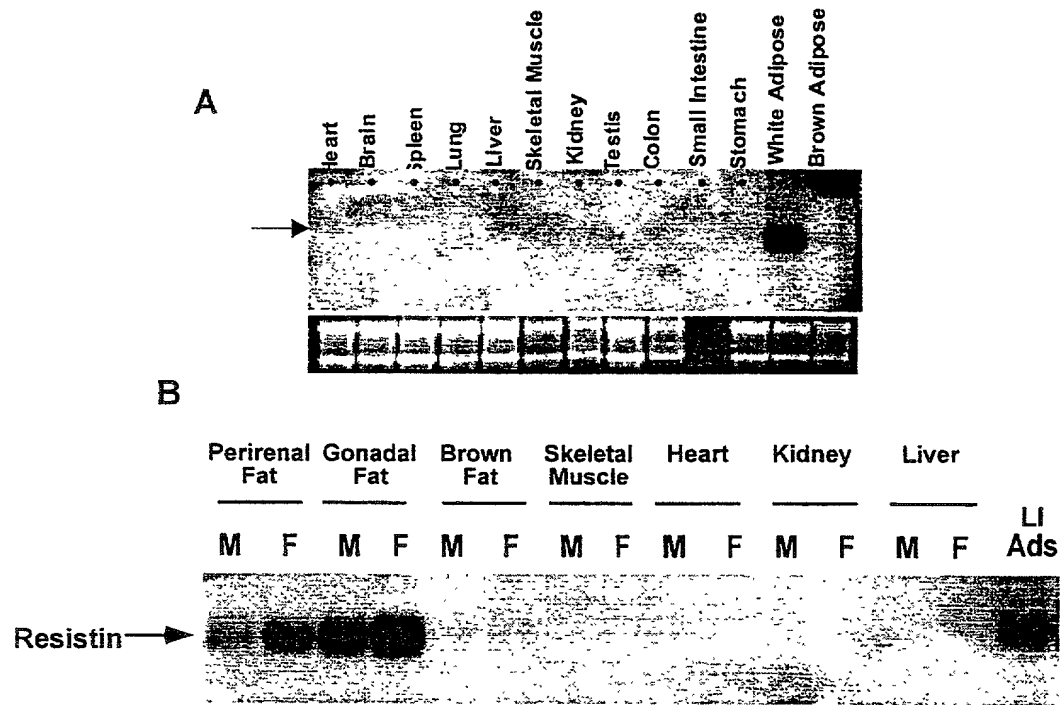


FIG. 12

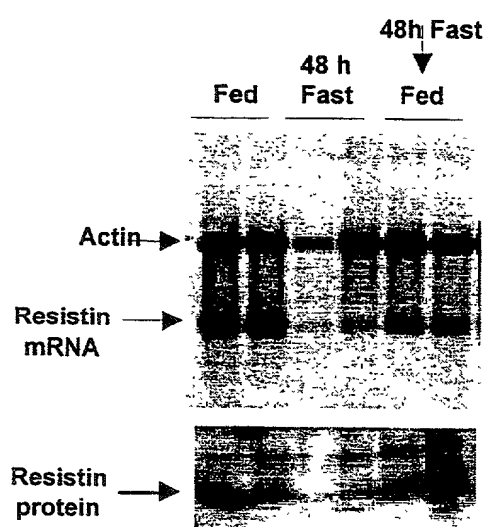


FIG. 13

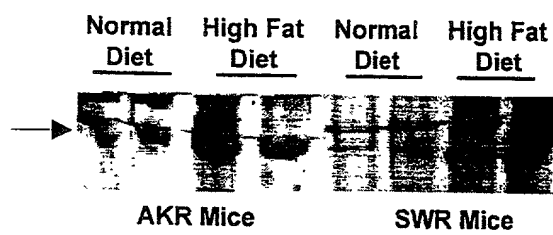


FIG. 14

MKNLSFPLLFLFFLVPELLGSSMPLCPIDEAIDKKIKQDFNSLFPNAIKNIGLNCWTVSSRG  
KLASCPEGTAVLSCSCGSACGSWDIREEKVCHCQCARIDWTAARCCKLQVAS

FIG. 15

FIG. 16



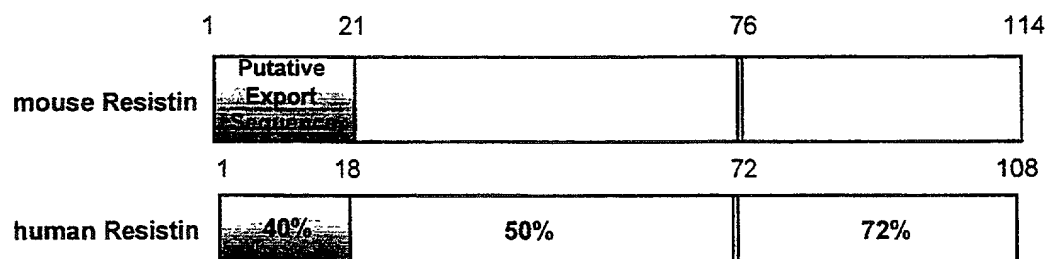


FIG. 17

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mResistin: 1  MKNLSFPLLEFLFVPELLGSSMPLCPIDEAIDKKIKQDFNSLFPNAIKNIGLNCWTVSS 6
               MK L + LL + L  LL SS  LC ++EAI+++I++  SL  AI +IGL C +V+S
hResistin:  MKALCLLLLPV--LG--LLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLEQSVTS 5
               .
               .

mResistin: 61  RGKLIASCPEGTAVLSCSCGSACGSWDIREEKVCHCQCARIDWTAARCCKLQVAS 114
               RG LA+CP G AV  C+CGSACGSWD+R E  CHCQCA +DWT ARCC++Q
hResistin: 57  RGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQAGMDWTGARCCRVQP 108
               . . . . .

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FIG. 18

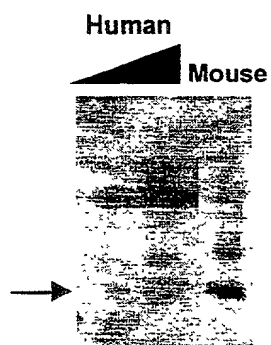


FIG. 19

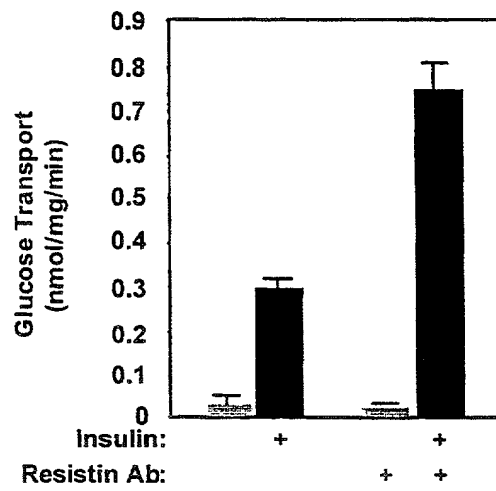


FIG. 20

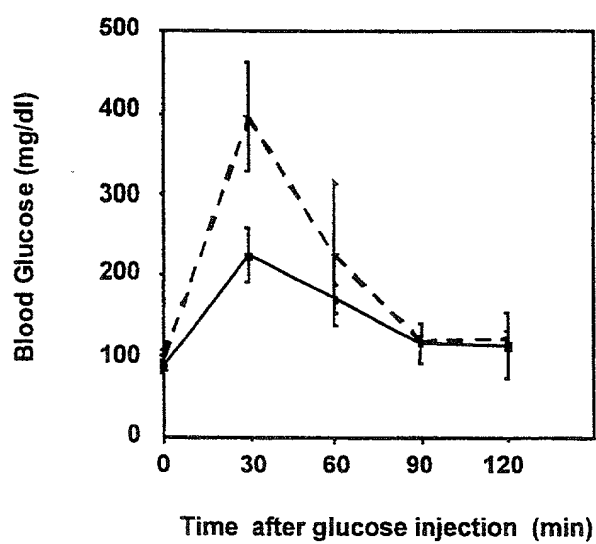
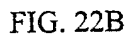


FIG. 21

TCTCTACTAAAAATACAAAAATTAGCCGGCATGSGTGCACGCTGTATCCAGCTACTCGGGAGGCTGAGGCAGGAGAATTGCTTGAACCC 96  
 AGAGATGATTTTATGTTTTTAAATCGGCCGTACCACCACGTGCGGACATTAGGGTCGATGAGCCCTCCGACTCCGTCTCTTAACGAAGTTGGG  
 20  
 AGGAGGTGGAGTTGCAGTGAGCCAAGATTGAGCCACTGTACTCCAGCTGAGCAACTGAGTGAGACTCTGAACAAAGAAACAAACAAAGCAAT 192  
 TCTCCACCTCCAACGTCACTCGGTTCTAACTCGGTGACATGAGGTGCGACTCGTTGACTCACTCTGAGACTTTGTTTCTTTGTTTGTTCGTTA  
 GGTTAAATGGAACAAGATGSGTGCATACCTGTAGCTTCAGCTACTGGGAGTCCAAGGTGGGAGGATTACTTGAAGCCAGGAGTCTGACACTAGCT 288  
 CCAATTTTACCTTGTCTACCACGTATGGACATCGAAGTCGATGACCCCTCAGGTTCCACCCTCCTAATGAACCTCGGTCTCTCAGACTGTGATCGA  
 TGGGCAACATAGCAAGACCCCTCTCAAAAAAAAAAAAAAAAAAGGCCGGGCACGGTGGTTACGCTGTATCCAGCACTTTGGGAGGCCAAGGC 384  
 ACCCGTTGATCGTTCTGGGGCAGAGTTTTTTTTTTTTTTTTTCCGGCCCGTCCACCAAGTGCGGACATTAGGGTCGTGAACCCCTCCGTTCCG  
 GGGCAGATCACAAGGTCAGGGATCGAGACCCTCTGGCTAACACGGTGAAACTCCATCTCTACTAAAAAAAAAAAAATACAAAAATTAGCTGGG 480  
 CCCGTCTAGTGTCCAGTCCCCTAGCTCTGGTAGGACCGATTGTGCCACTTTGAGGTAGAGATGATTTTTTTTTTTATGTTTTTAAATCGACCC  
 CGTGGTGGCAGGCGCTGTAGTCCAGCTACTTTGGGAGGCTGAAGCAGGAGAATGGCGTGAACCCAGGAGGCGGAGCTTGTAGTGAGCCGAGATCG 576  
 GCACCACCGTCCGGGACATCAGGTCGATGAACCTCCGACTTCGTCTCTTACCAGCACTTGGGTCTCCGCTCGAACATCACTCGGCTTAGC  
 CGCACTGCATCCAGCTGGGCGACAGCAAGATTCGTCTCAAAAACAGAAAAAGTAAGTTATAATGGTAAGTTGTATGTTATATGATTTT 672  
 GCGGTGACGTGAGGTGGACCCGCTGTCTCGTTCTAAGGCAGAGTTTTGTCTTTTTTTCATTCAATATTACCATTCAACATACAATATACATAAAA  
 ACCACAAAAGGCCCTTGTACTGGAAACAAGAACAAATAAAATGTATAACCATTCAGGTCATGGGTGGTCCAAGAAGAAACATGAGCTGGA 768  
 TGGTGTTTTCCGGGCAACATGACCTTTGTTCTGTATTATTTTACATATTGGTAAGGTCGAGTACCCACAGGTTCTTCTTTGACTCGACCT  
 CTTGGCCCATGAGCAATGGCTTTCCAACTTCTGTTGCAGGTGATGCCATTGATGGAATAAACCATGATTTTTCTTTCTCTTTTGGATGGAGT 864  
 GGAACCGGTACTCGTTACCGAAAGGTTGAAGACAACGTCCACTACGGTAACCTATTATTGGTACTAAAAAGAAAGAAAGAACTCTACCTCA  
 ETTGCTATGGTGGCCAGCTAGTCATCCAGGATGGAGTGCAGGGGCACGATCTCAGTGCCTGCAACCTCCACATCCCGGTTCAAGTGATTCTCC 960  
 GAACGATACCACGGGTCGATCAGTAGGTCTACCTCACGTCCCCGTGCTAGAGTCAGGTGACGTTGGAGGTGTAGGGCCCAAGTTCATAAGAGG  
 CACCTCAGCTCCCAAGTAGTGGGATTACAGGCACACGCCACCAAGCTTAATTTTTGTATGTCTAATGGAGACAGGTTTCATCATGTTGG 1056  
 GTGGAGTGGAGGTTTCATCGACCTAATGTCCGTGTGCGGTGGTGCAGGTCATTAAAAACATACAGATTACCTCTGTCCCAAGTAGTACAACC  
 CCAGGTTGGTCTCAAGCTCCTGACCTCAAGTGATCCGCCCGCTTGGCTCCCAAGTGTGGGATTACAGGCGTGAGCCACCGGCCATAAACCAT 1152  
 GGTCCAACAGAGTTCGAGGACTGGAGTTCACTAGGCGGGCGGAACCGAGGGTTTCAGGACCTAATGTCCGACTCGGTGGCCGGTATTGGTA  
 GATTTTTATTACAGTCTATTGCTCATGGGCATTTGGGTATGAATGTGGTATGTCTCTCAGGAGACATAATTATTACTATTTTAGAG 1248  
 CTAAAAATAATGGTCAAGATAACGAGTACCCGTAAACCATACTTACCATACAGTAAGAGTGGGTCTCTGTATTAATAATAATGATAAAATCTC

FIG. 22A



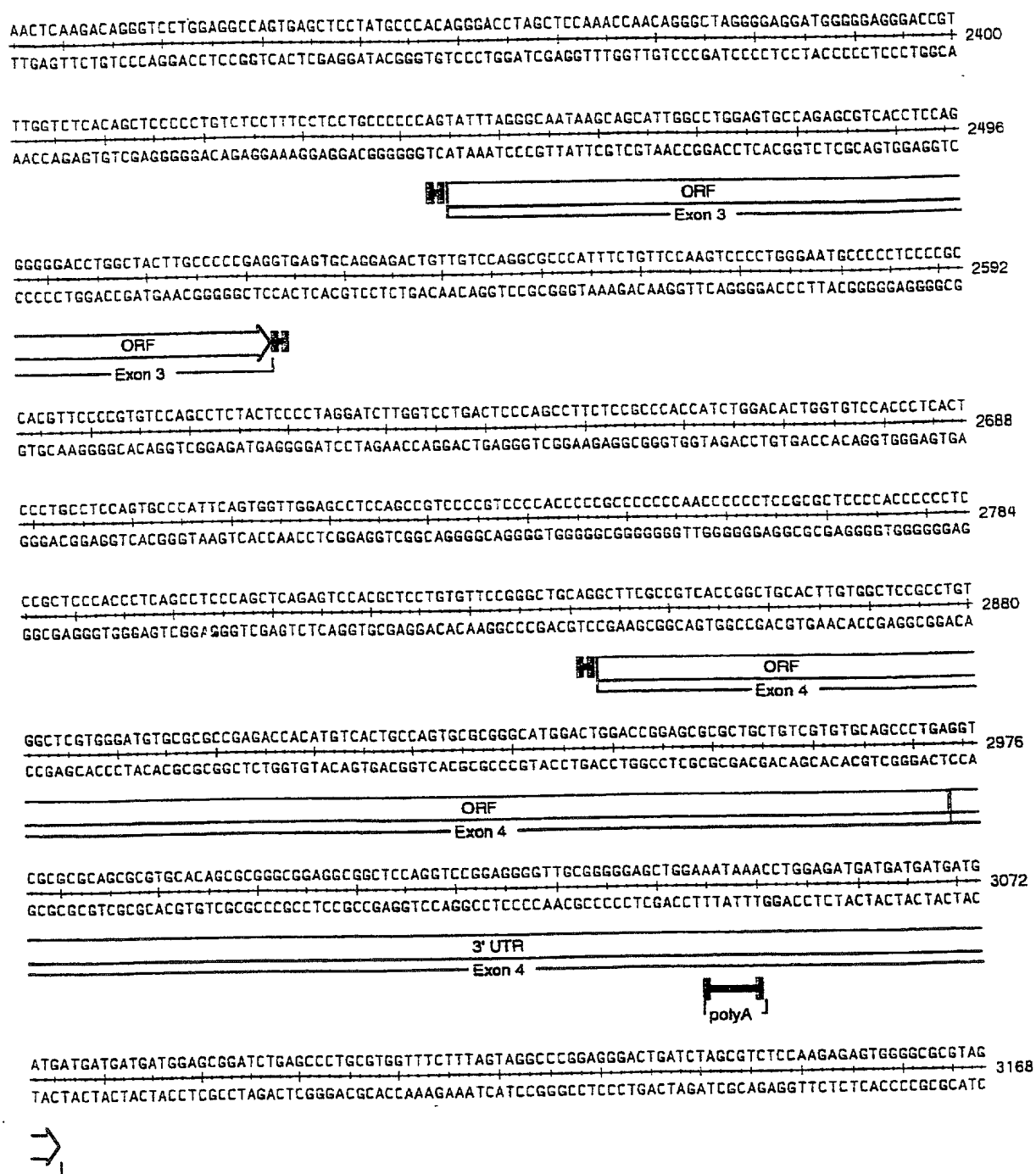


FIG. 22C

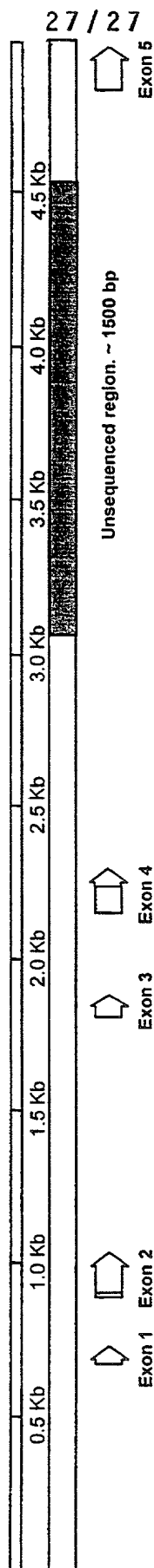


FIG. 22D

GGTT  
 $\xrightarrow{\quad}$  4420  
 CCAA  $\nearrow$  154701

FIG. 22E

### Mouse Resistin Genomic Locus



■ Size of unsequenced region determined by agarose gel electrophoresis

□ Transcribed Coding sequence

□ Transcribed Untranslated Sequence

FIG. 23